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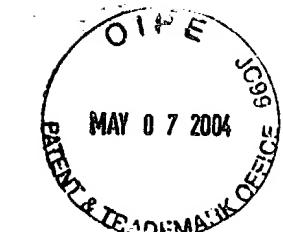
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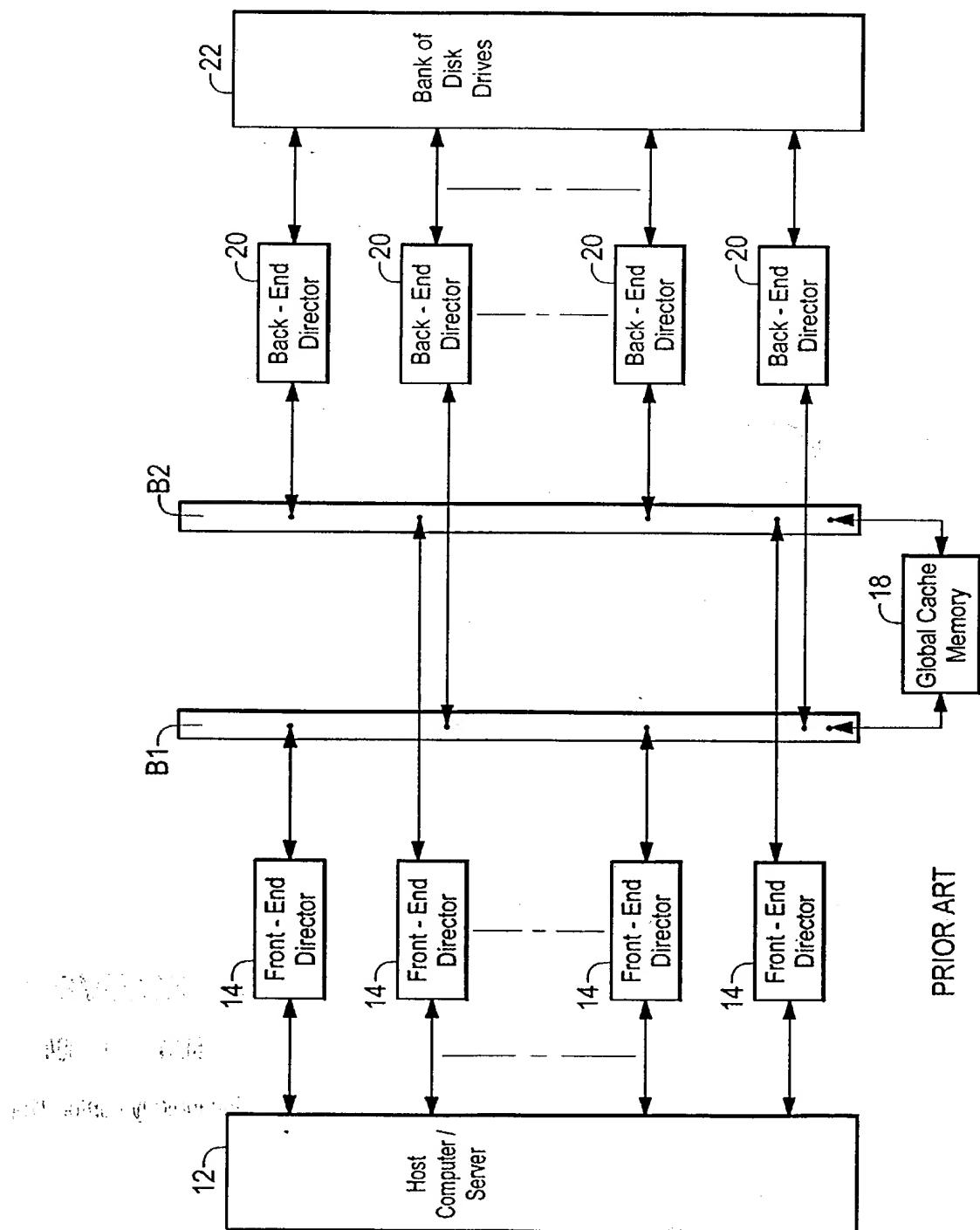
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PRIOR ART



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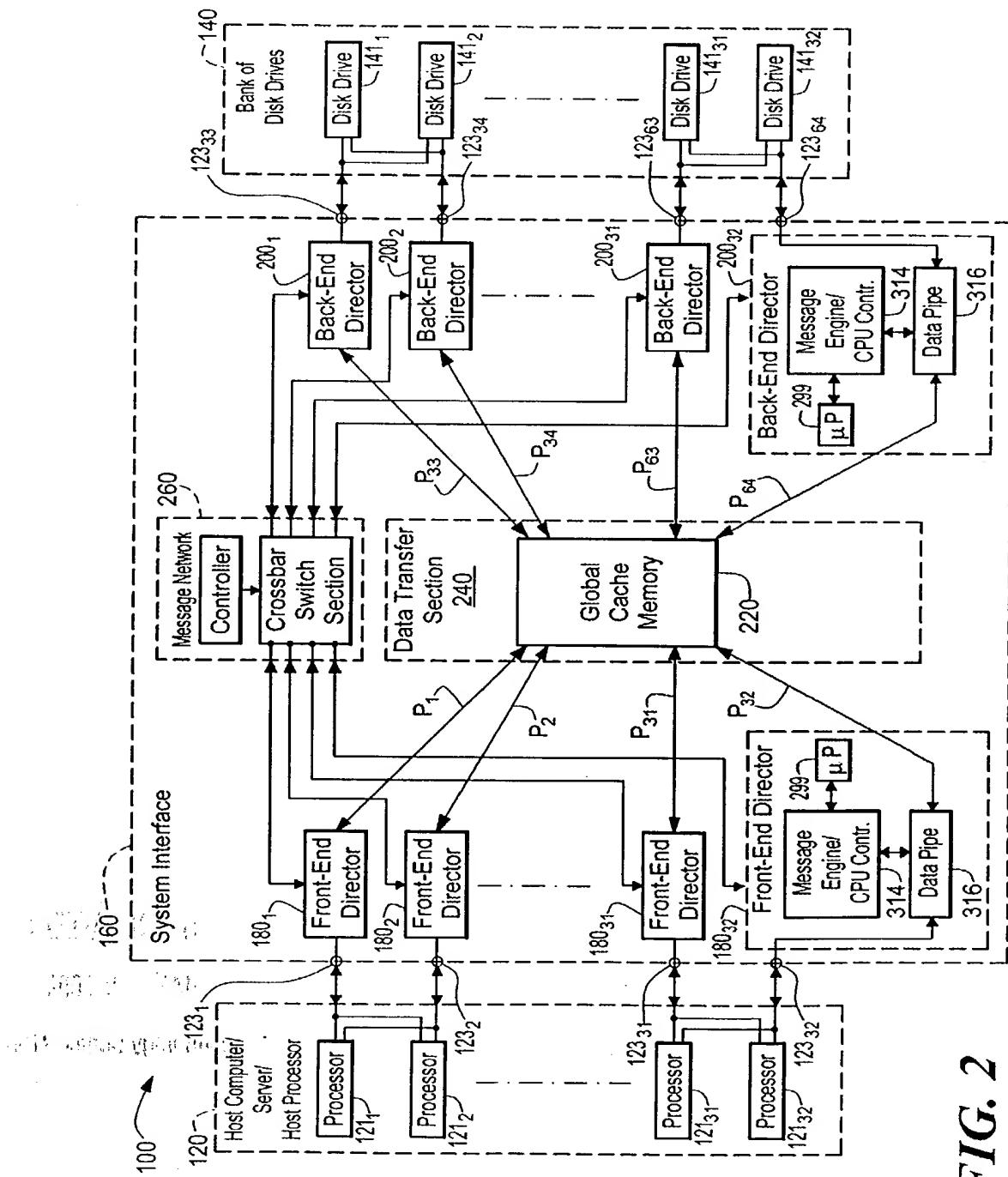


FIG. 2



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FIG. 2A

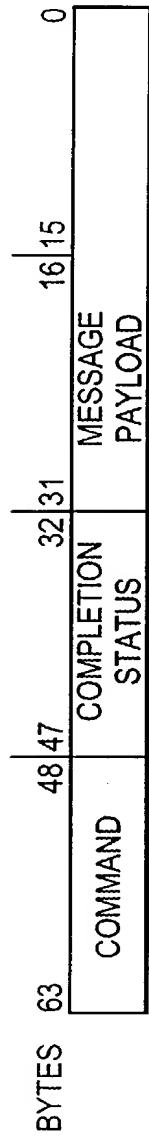
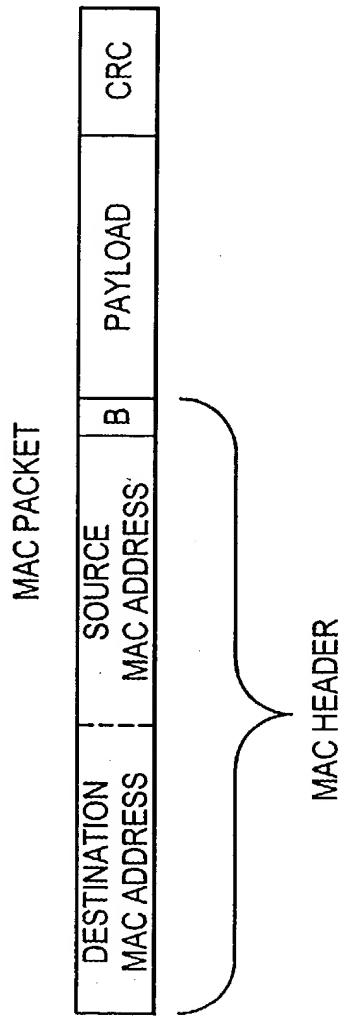
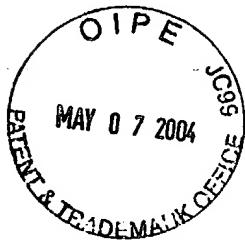


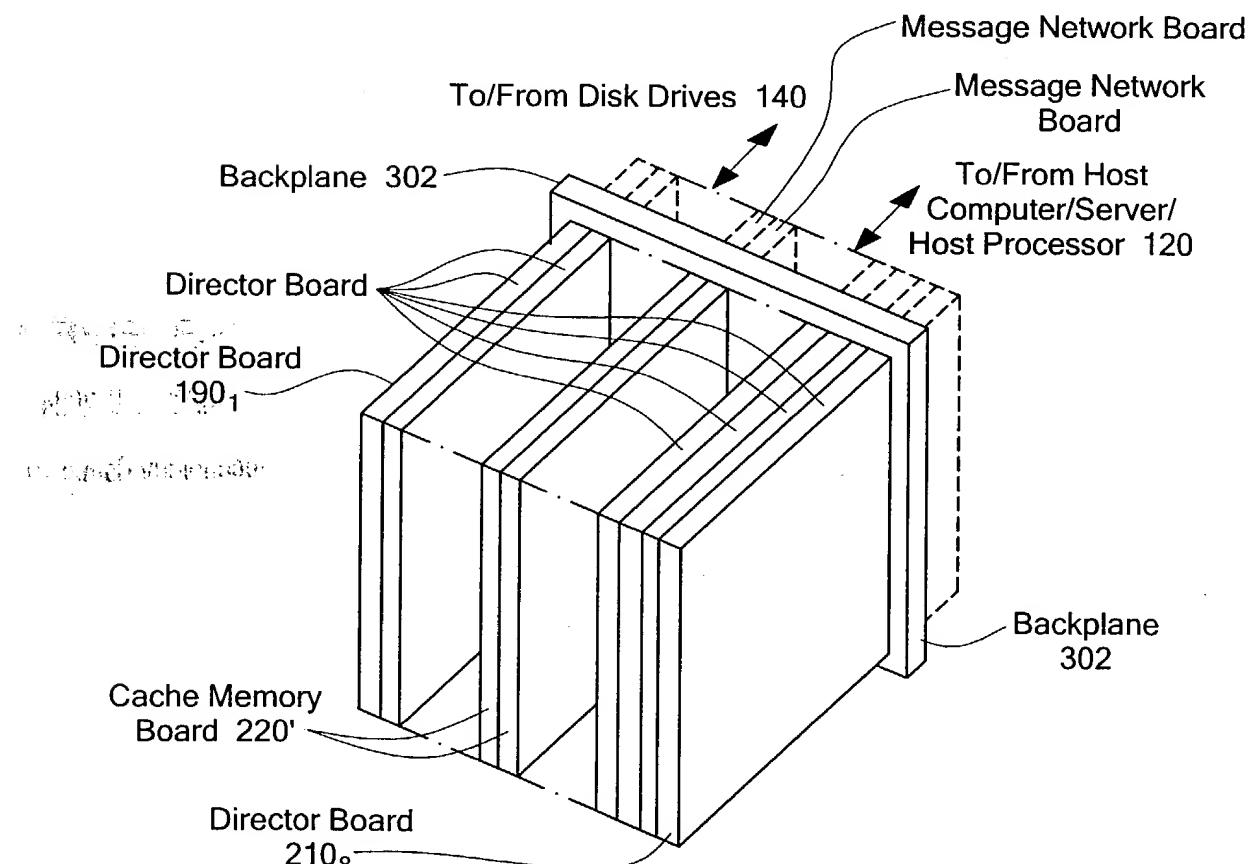
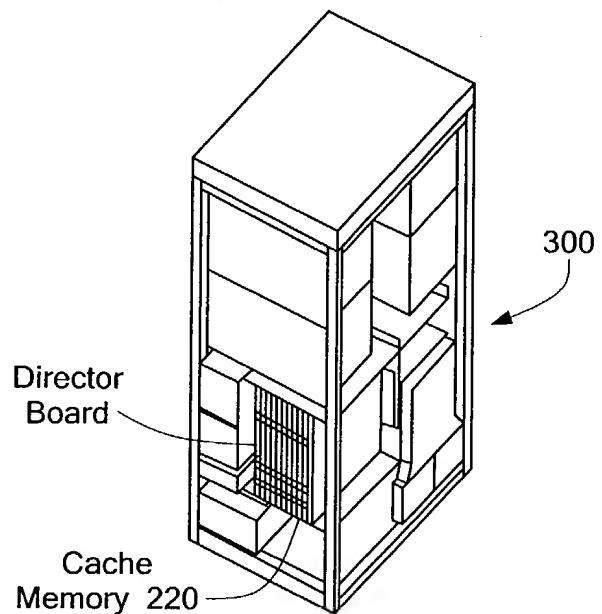
FIG. 2B





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**FIG. 3**

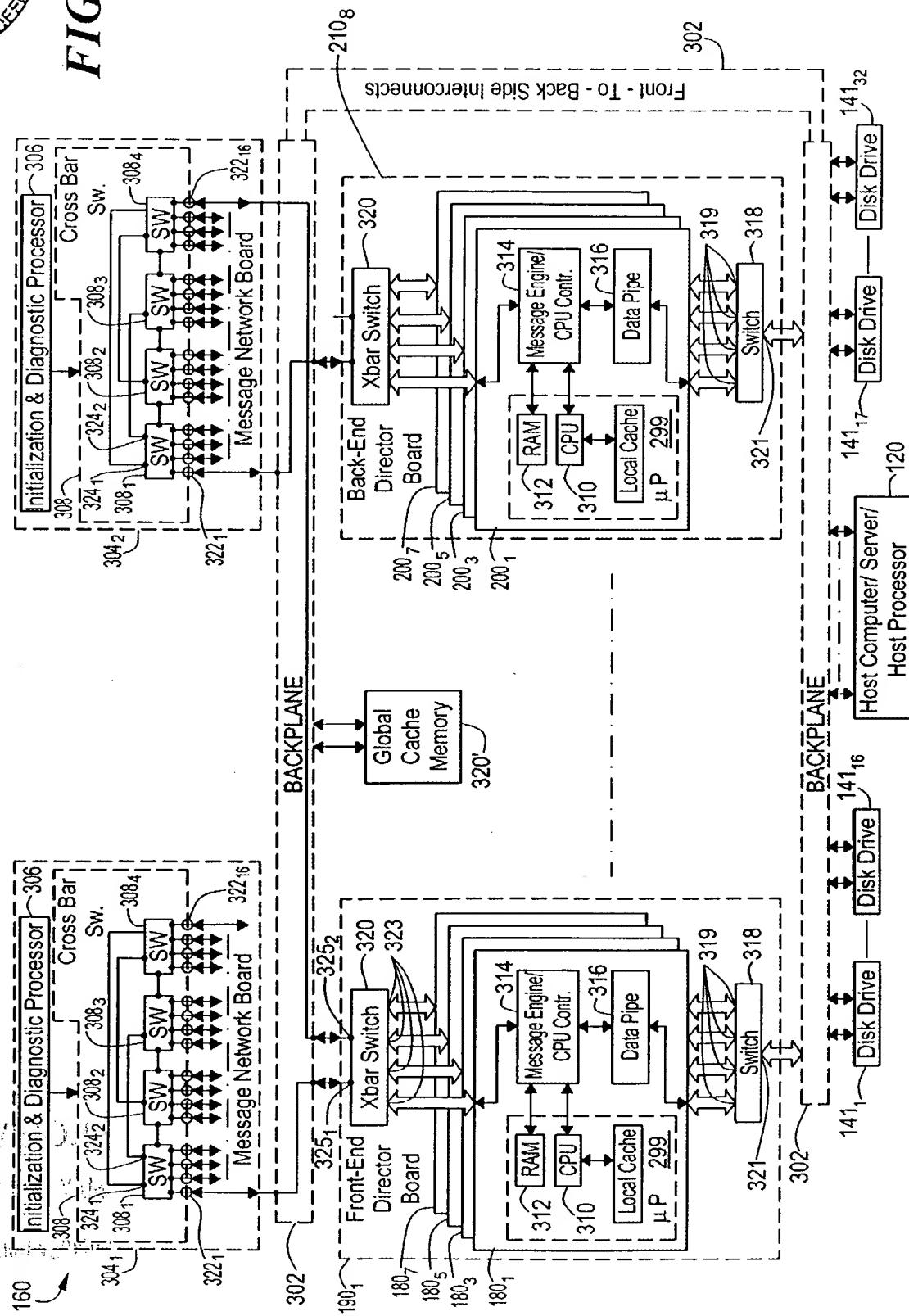


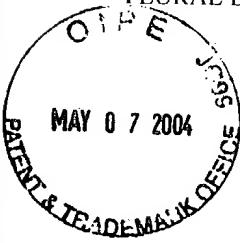
**FIG. 4**

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FIG. 5

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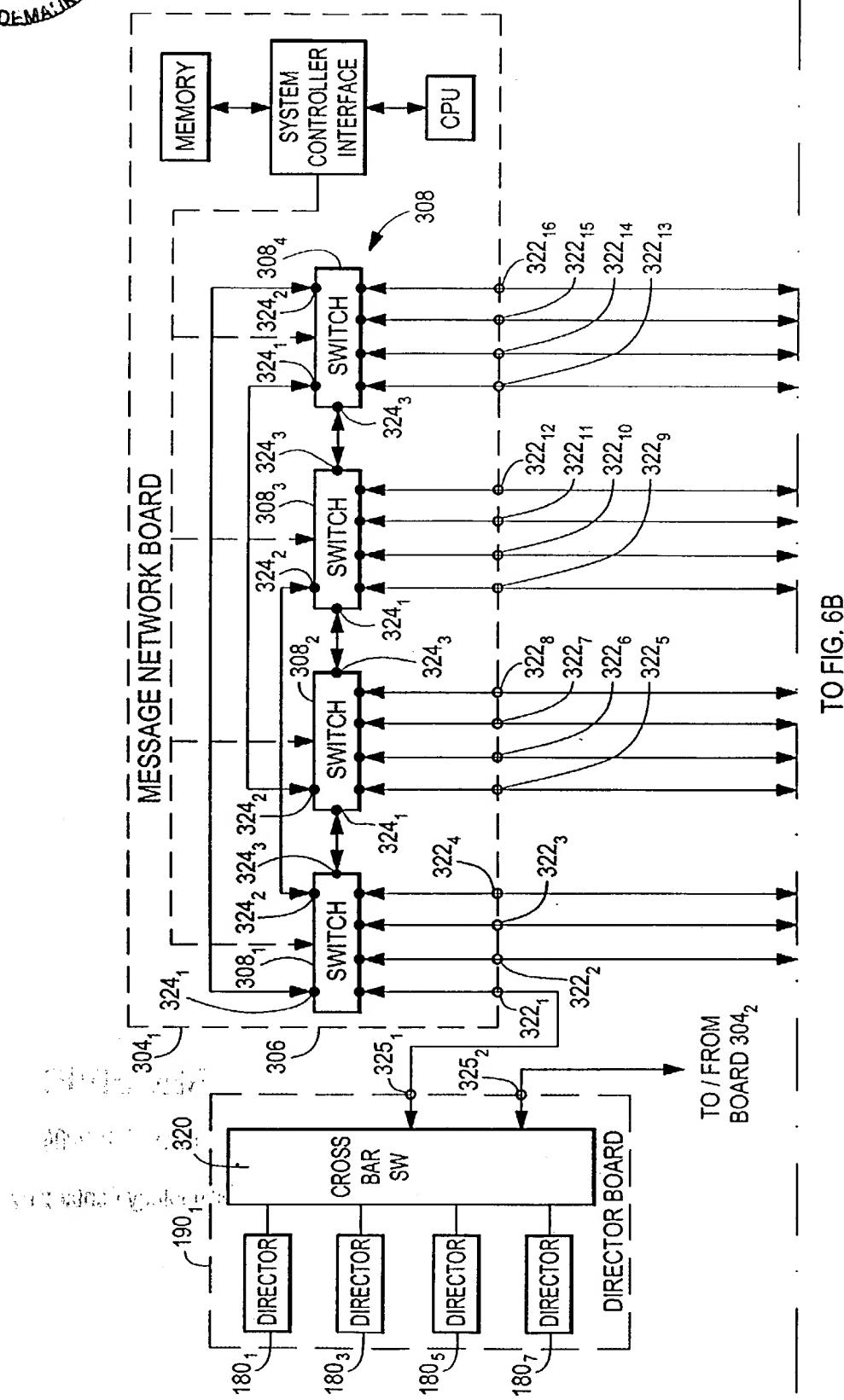


FIG. 6A

TO FIG. 6B

FIG. 6A
FIG. 6B

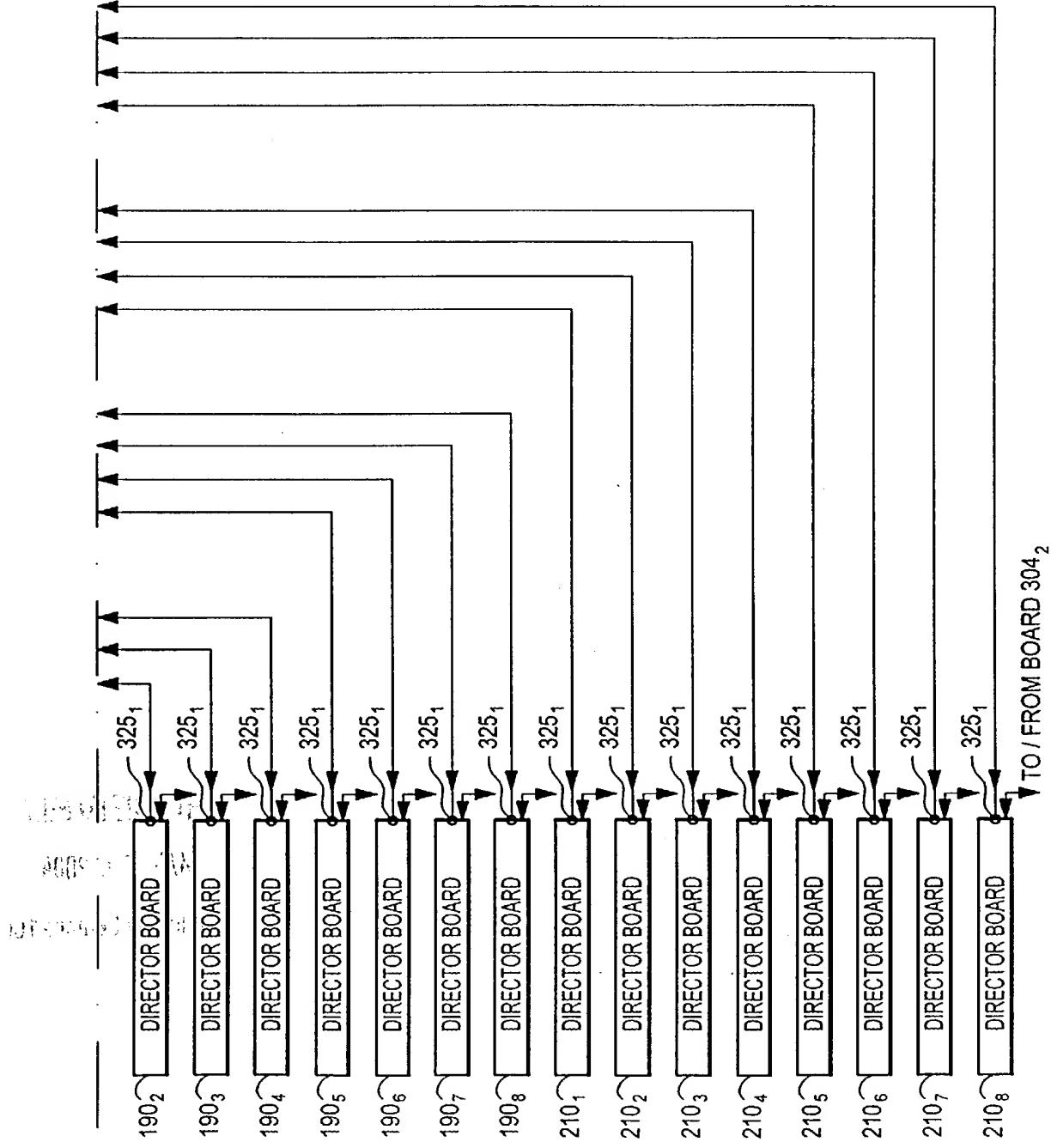
FIG. 6



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**FIG. 6B**

FROM FIG. 6A

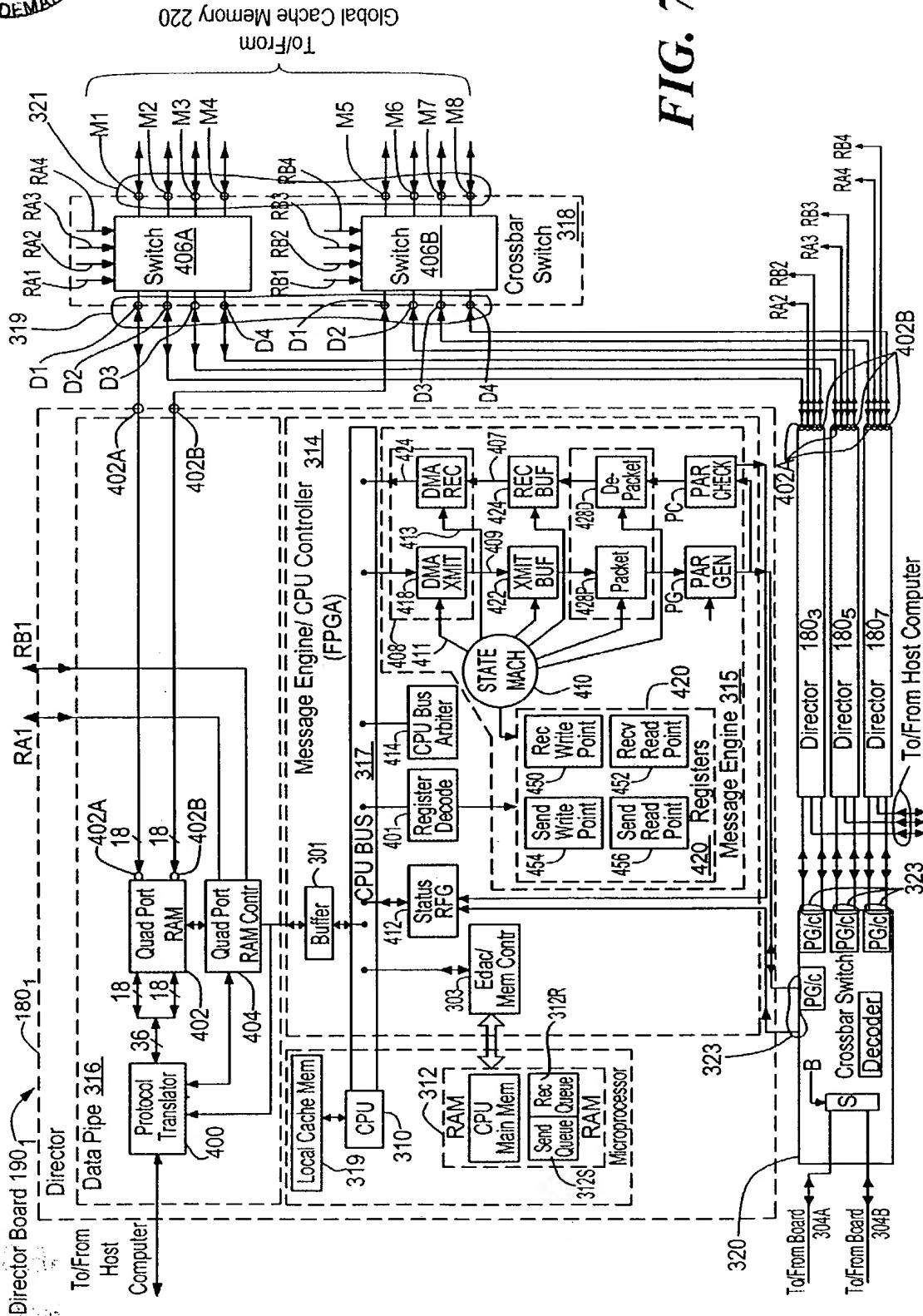


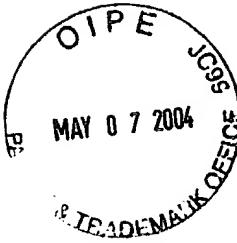
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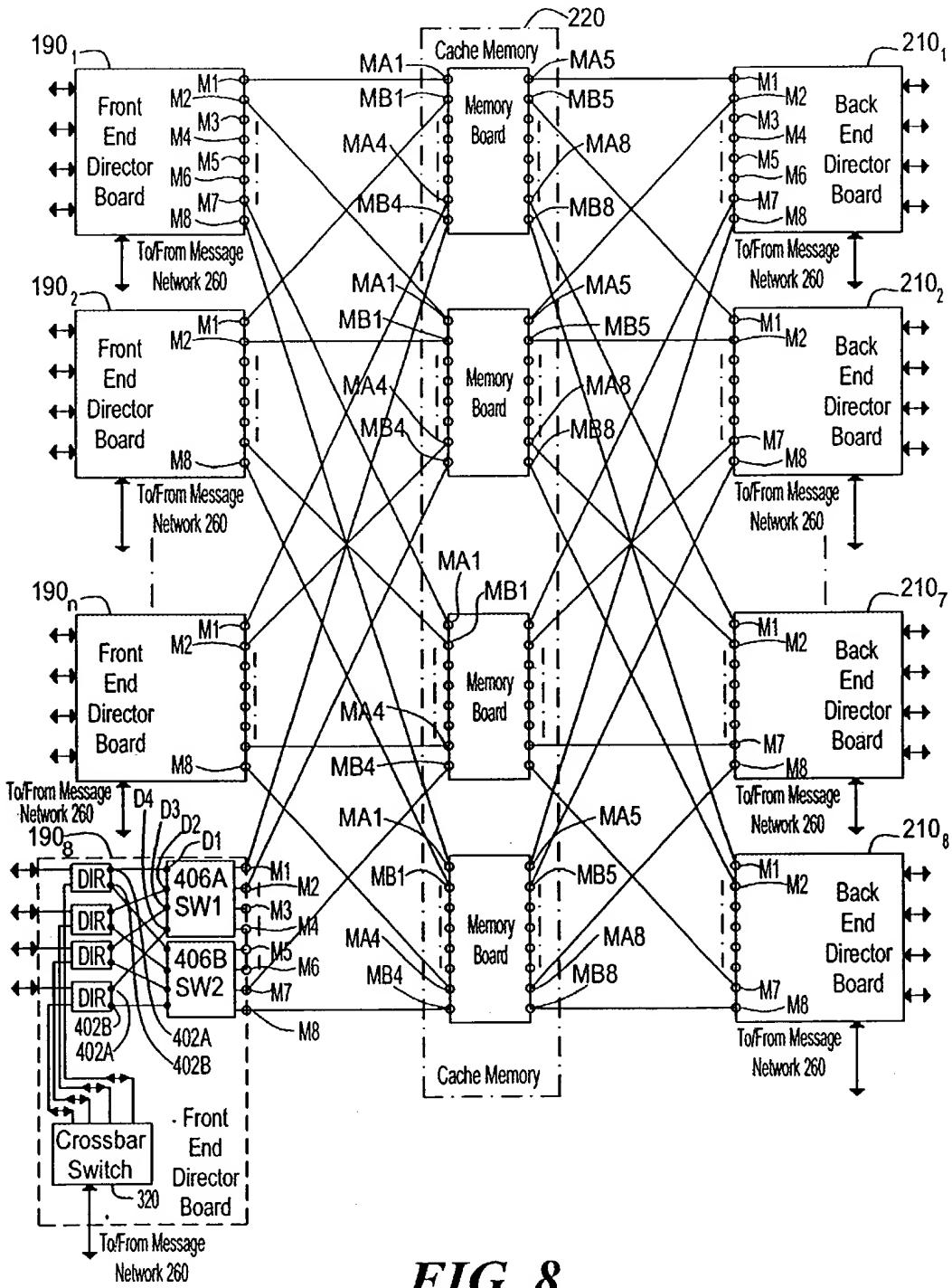


FIG. 7





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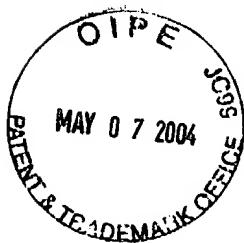


**FIG. 8**

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100% REAGENTS



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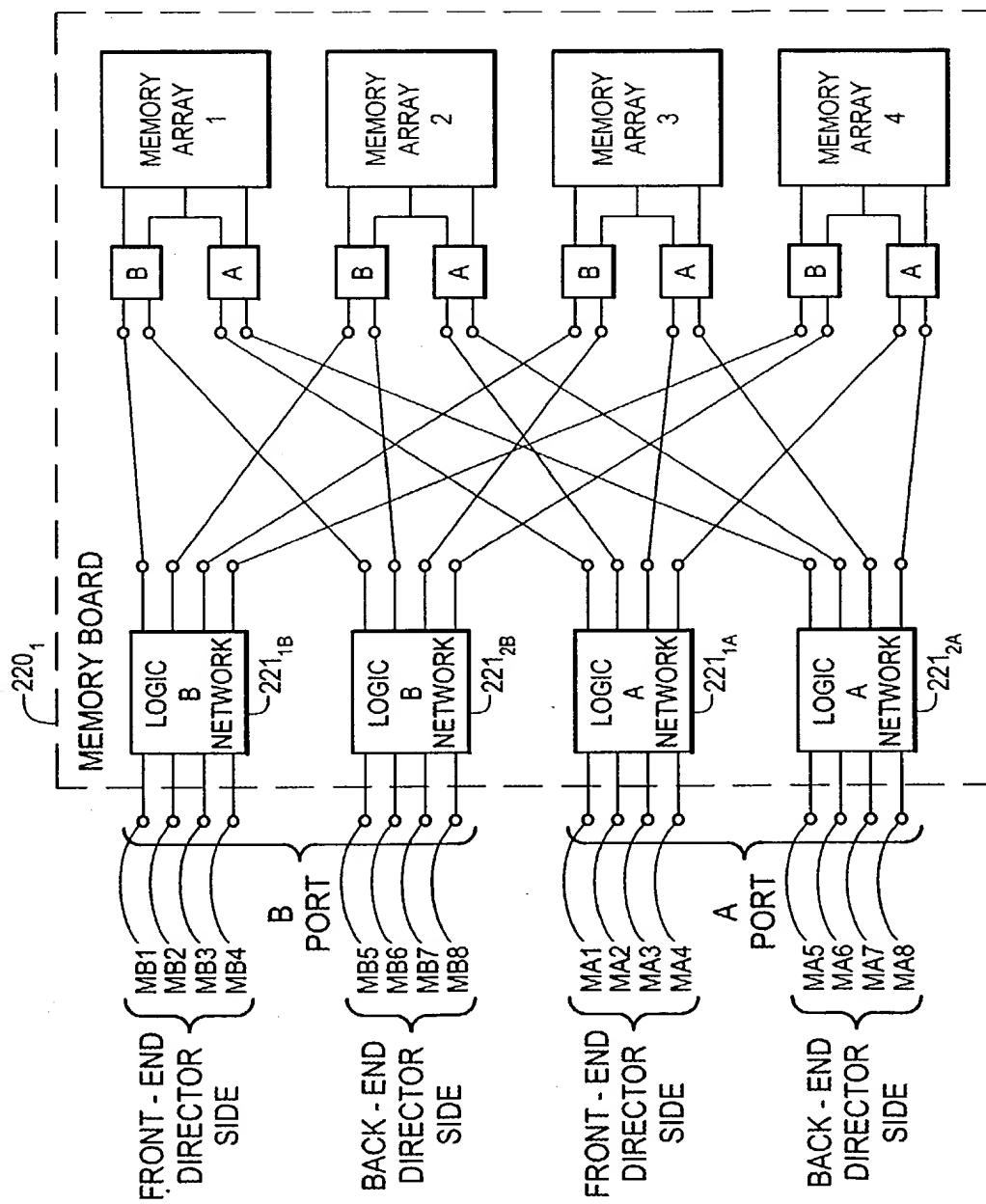


FIG. 8A



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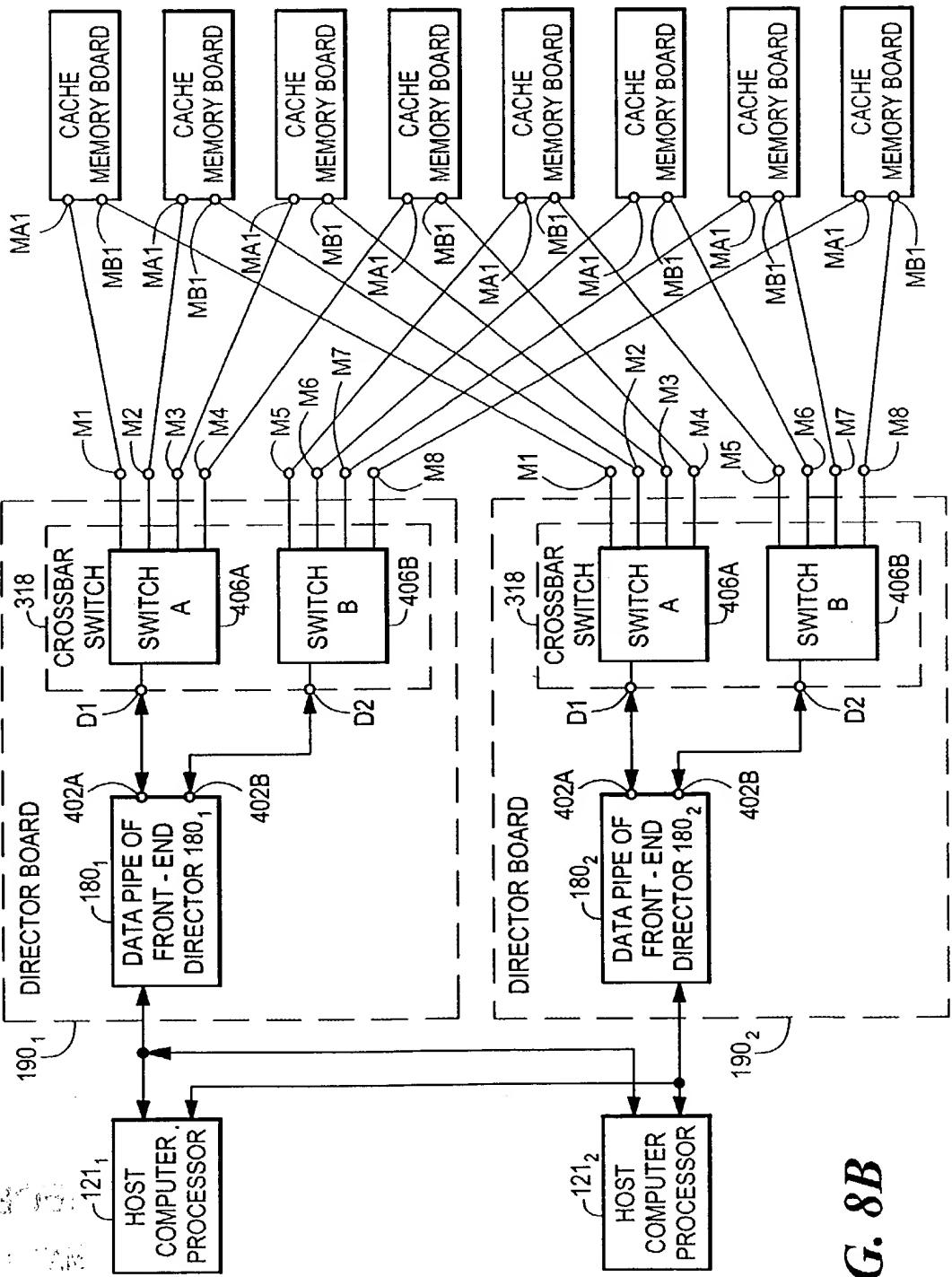


FIG. 8B





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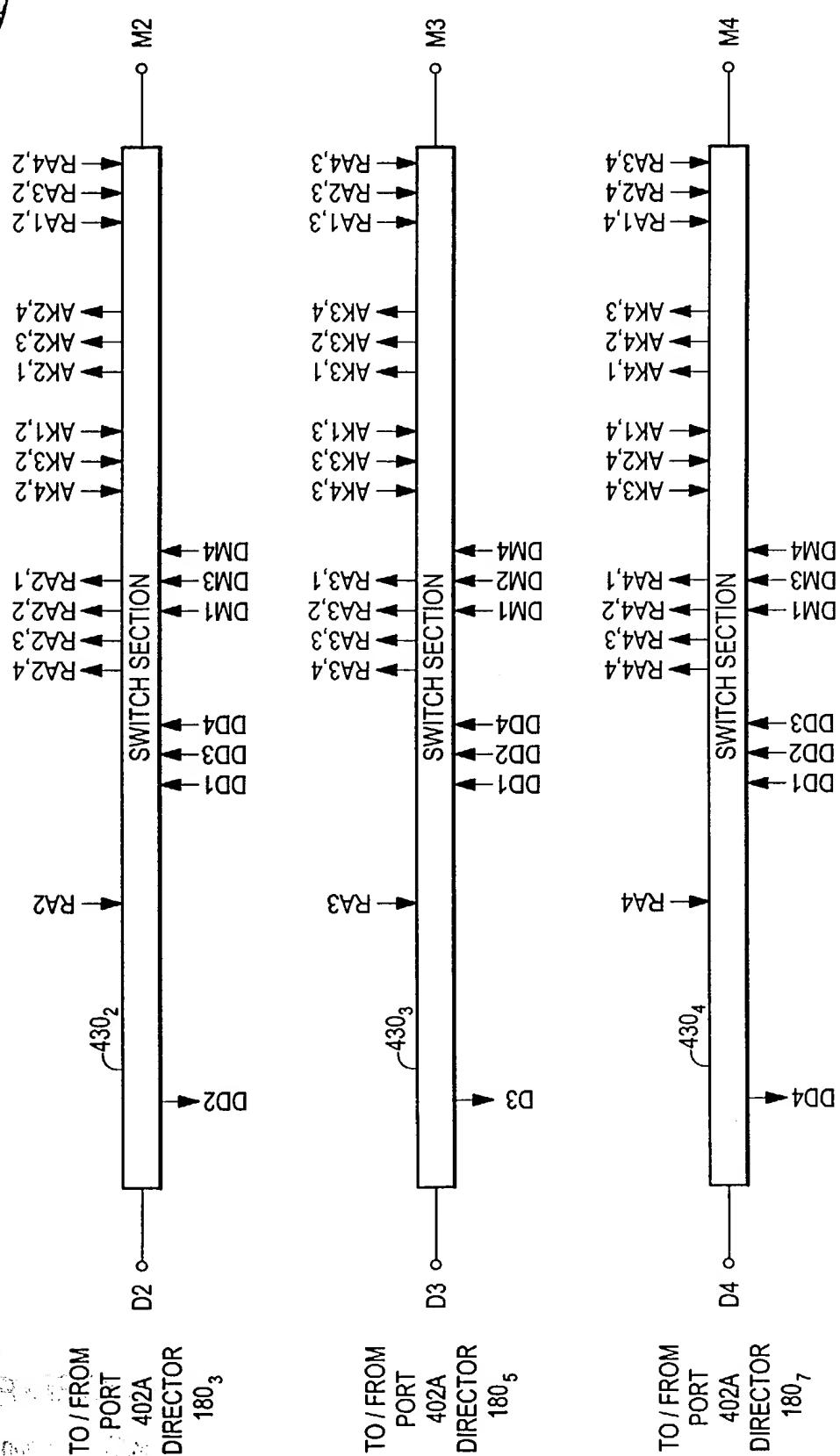
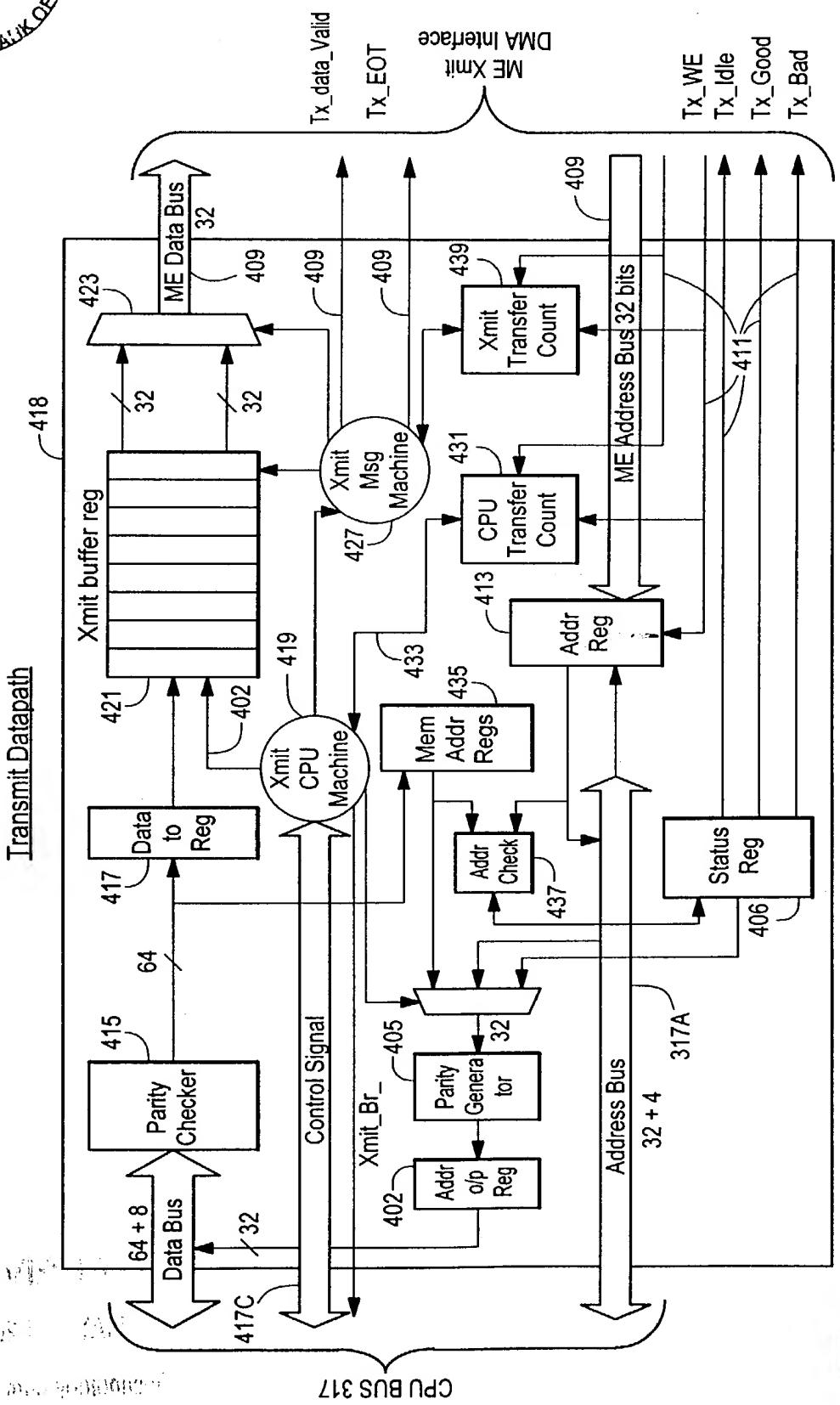


FIG. 8C-2



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**FIG. 9**

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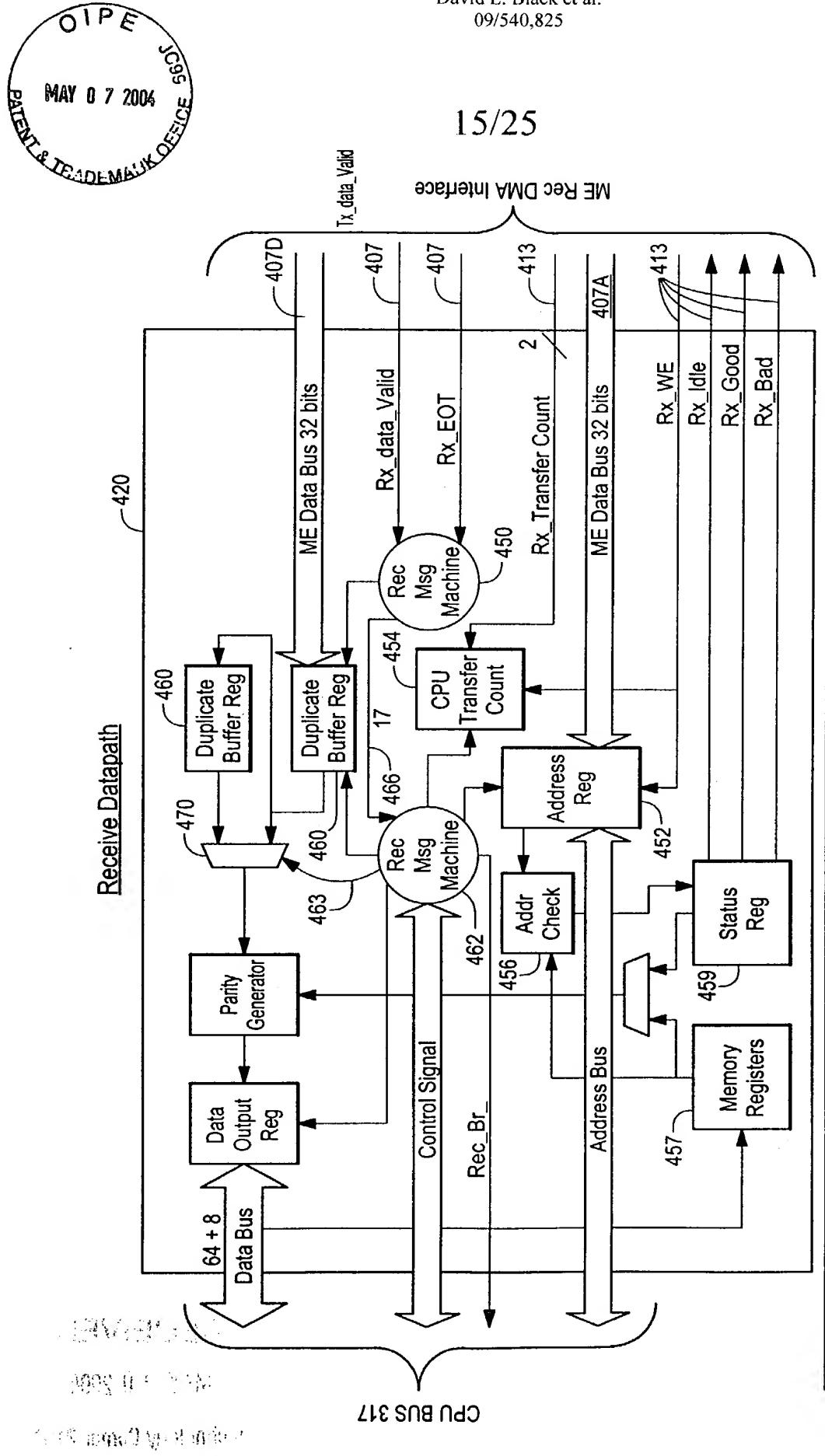


FIG. 10

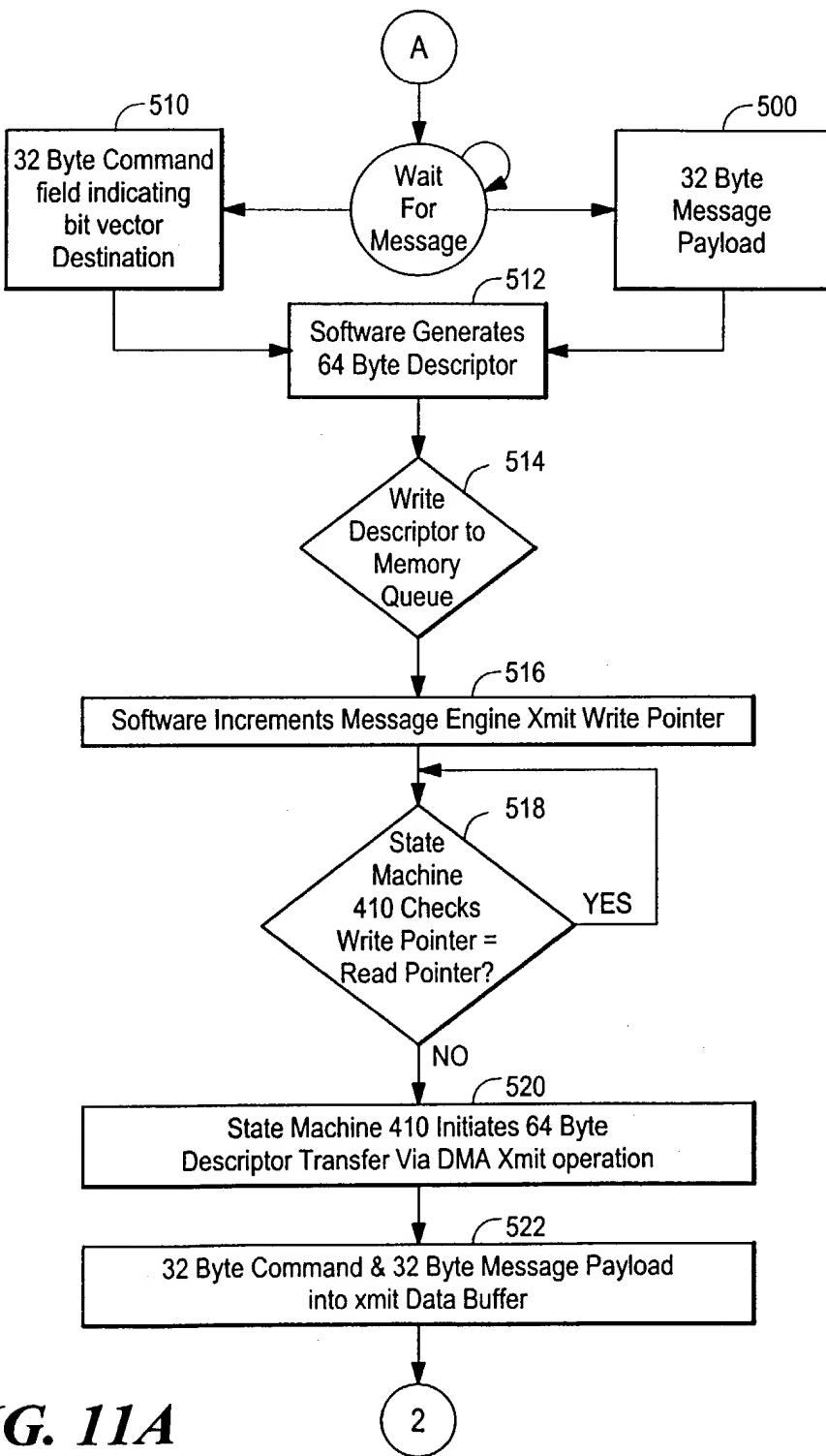


**FIG. 11**

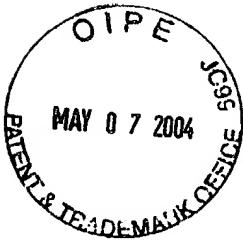
FIG. 11A

FIG. 11B

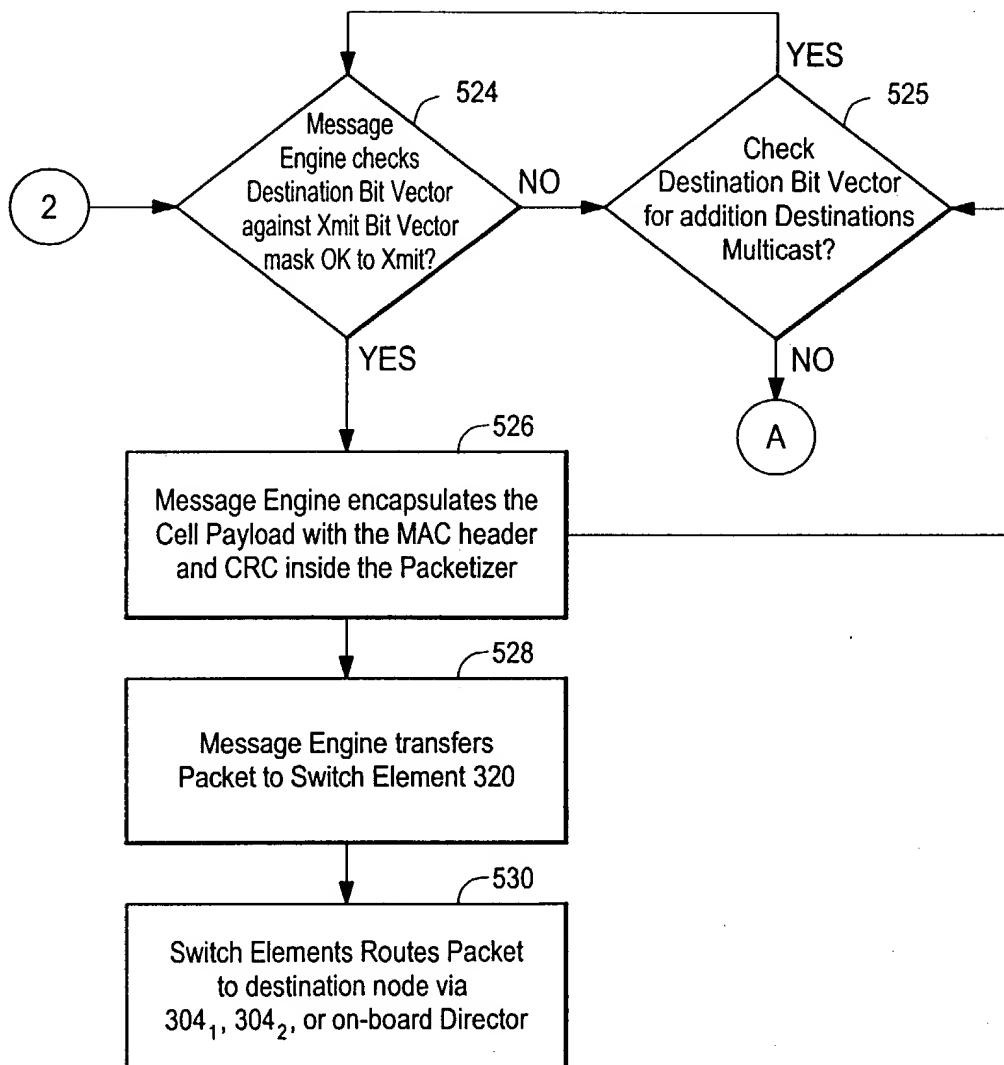
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**FIG. 11A**



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Message Bus Send Operation Continued**FIG. 11B**



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Bit Position	1	2	3	4				62	63	64
	1	0	0	0					0	0

*FIG. 11C*

Bit Position	1	2	3	4				62	63	64
	0	1	0	0					0	0

*FIG. 11D*

Bit Position	1	2	3	4				62	63	64
	0	1	1	0					0	1

*FIG. 11E*

Bit Position	1	2	3	4				62	63	64
	1	1	1	1					1	1

*FIG. 11F*

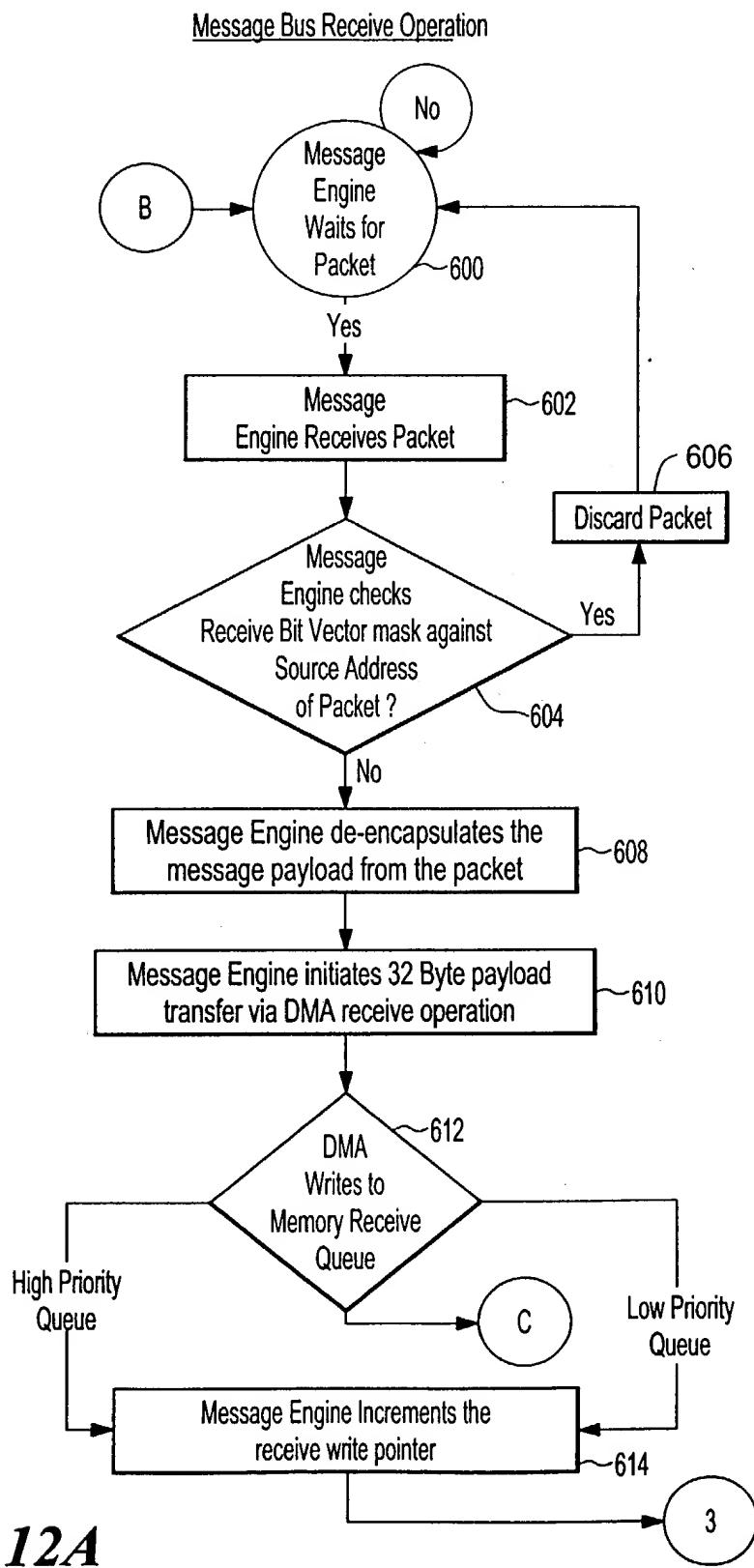
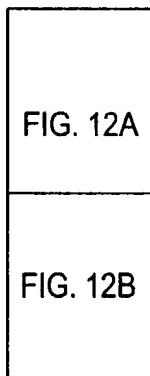
Bit Position	1	2	3	4				62	63	64
	0	1	1	0					0	1

*FIG. 11G*



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**FIG. 12**

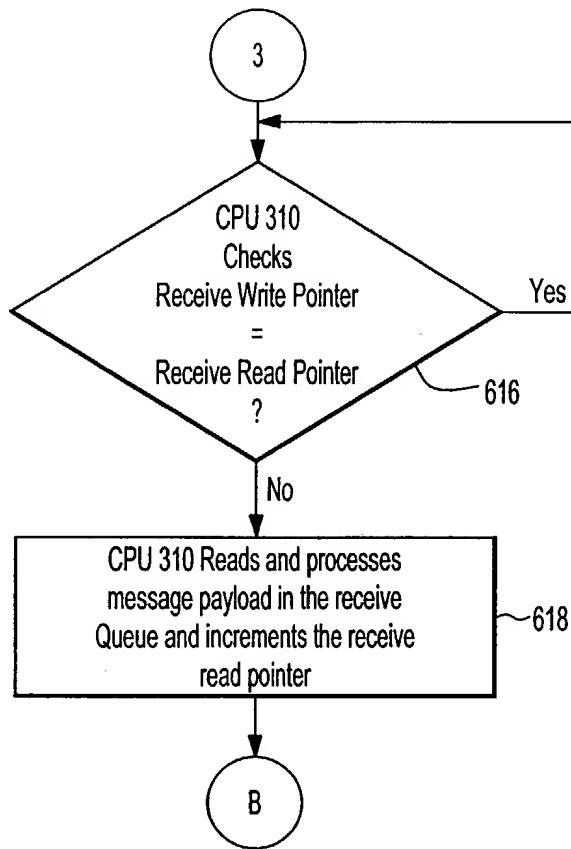


**FIG. 12A**



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Message Bus Receive Operation Continued



**FIG. 12B**



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Message Bus  
Acknowledgement Operation

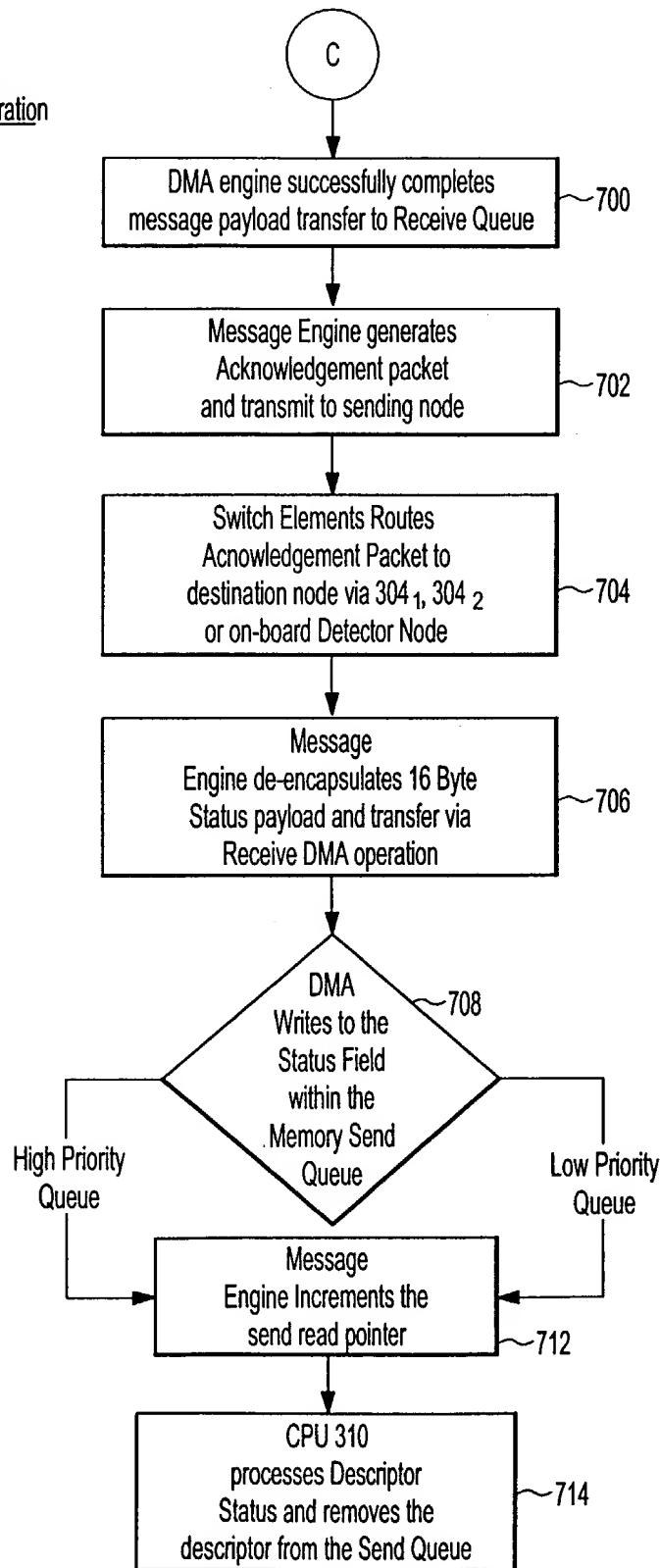
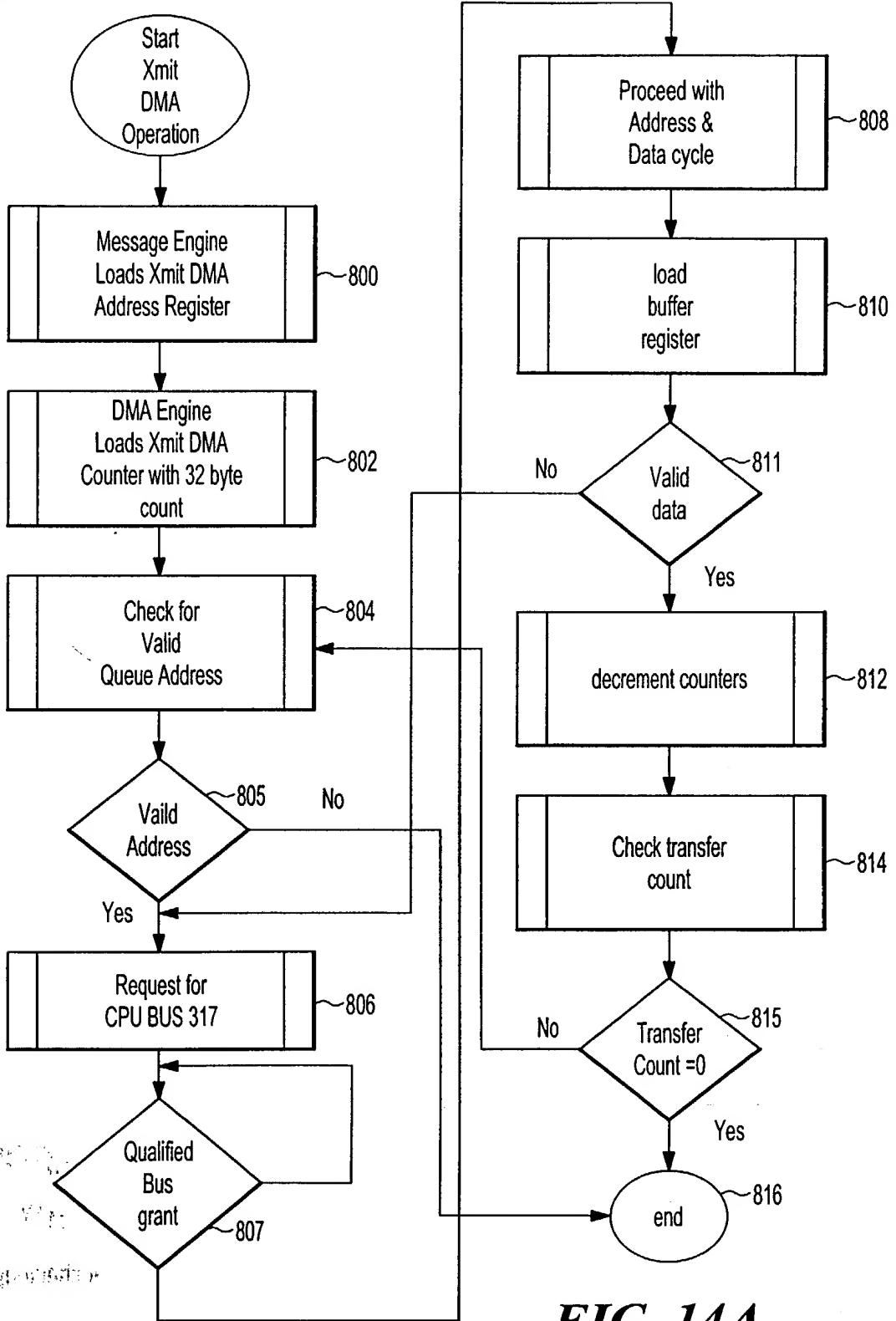


FIG. 13

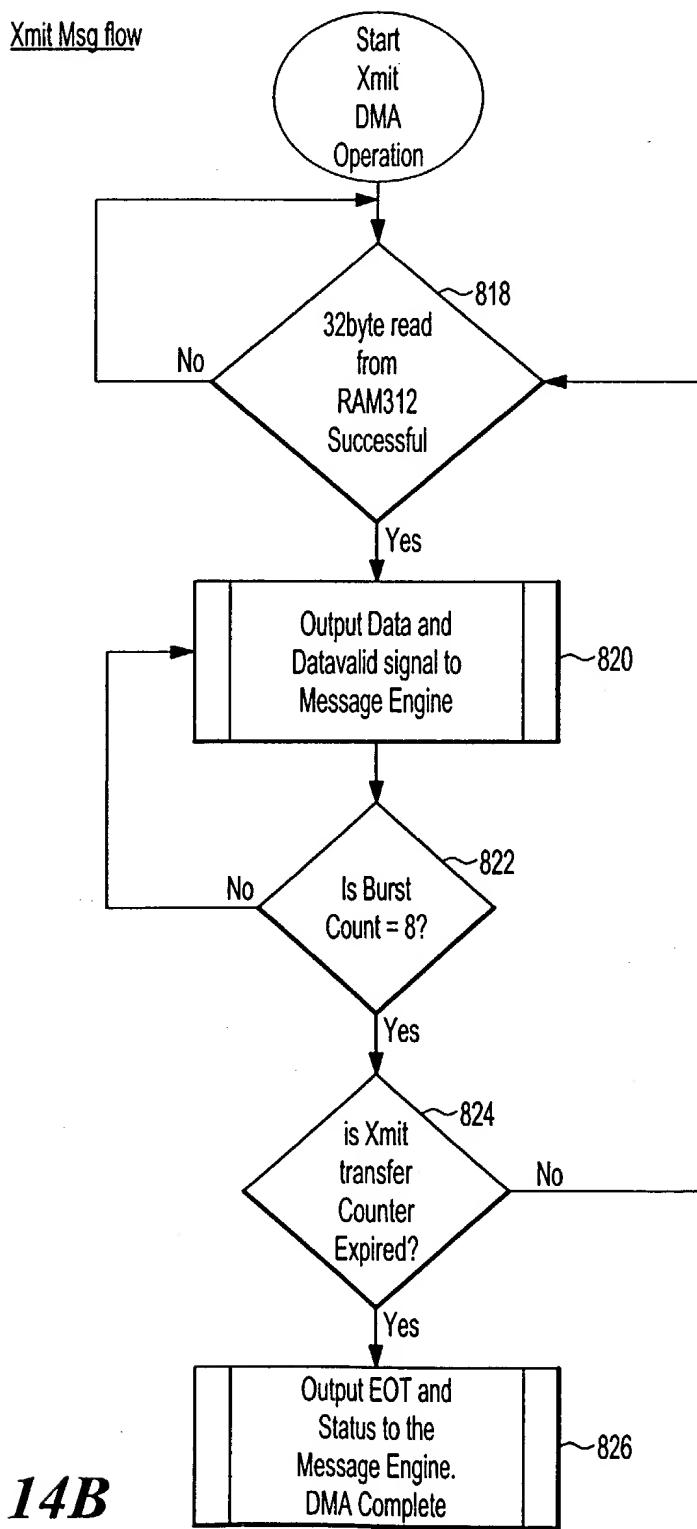


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Xmit CPU flow



**FIG. 14A**



### Units of peak amplitude

ANSWER TO NAME

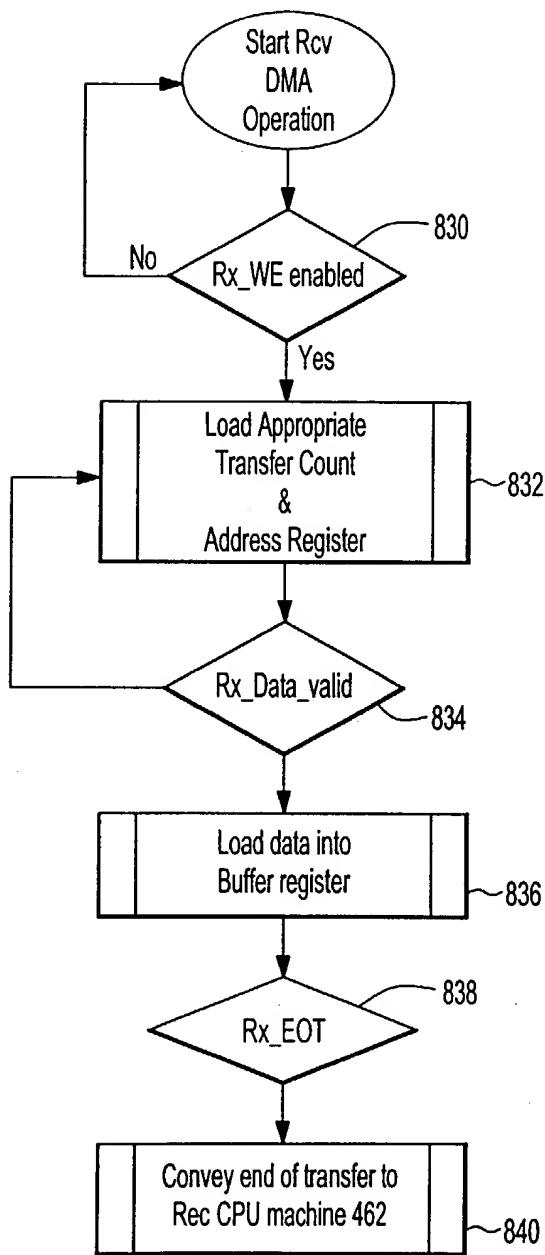
### Units of peak amplitude

FIG. 14B



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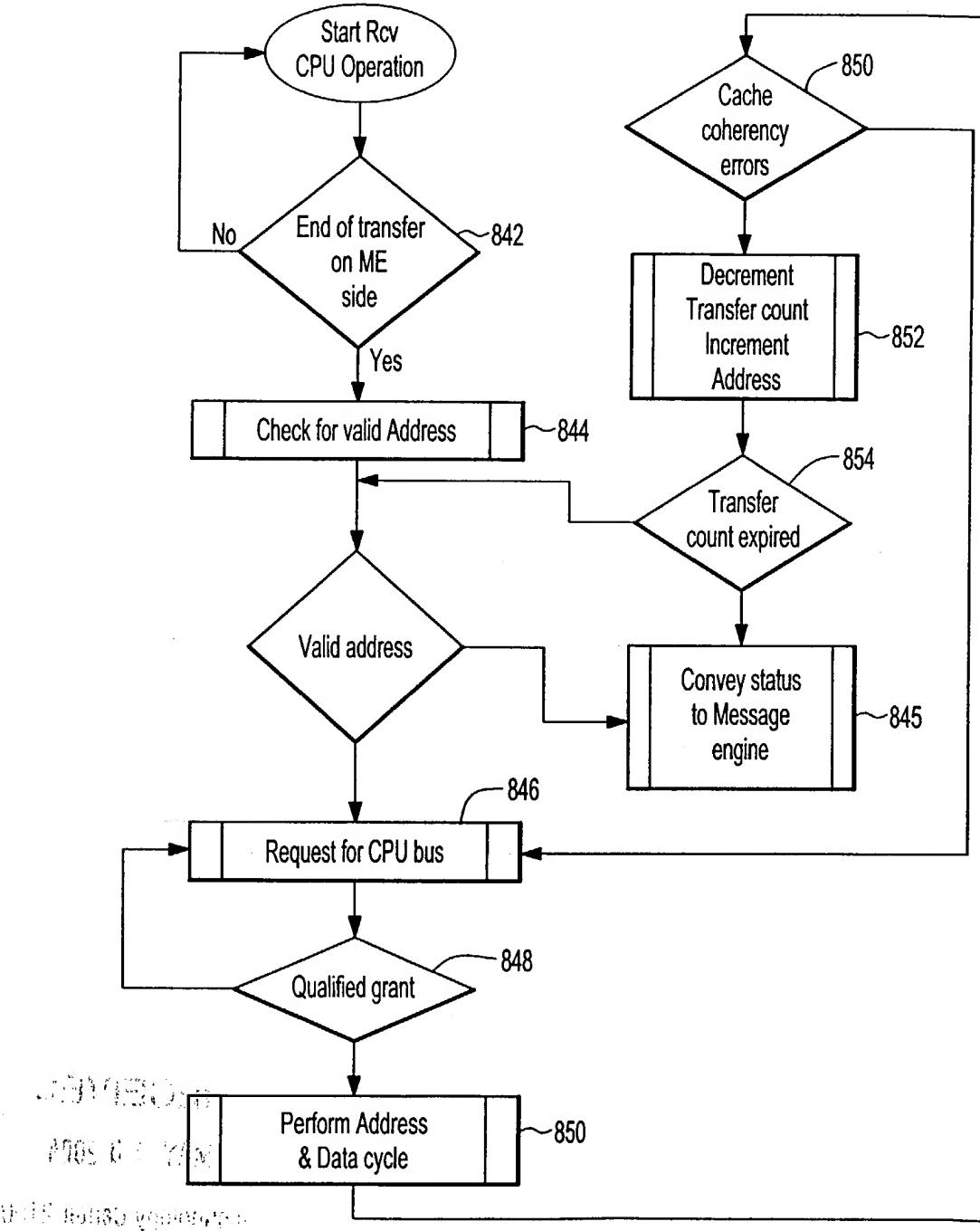
Rec msg flow



**FIG. 15A**



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Rec cpu flow**FIG. 15B**